**Atty's Docket: 101195-18**

IN THE CLAIMS

Cancel claim 1.

Add new claim 30-36 as follows:

30. (New) A kit for isolating nucleic acids in the absence of a chaotropic salt, wherein one or more nucleic acids bind to a substrate, the kit comprising:

(a) a lysis/buffer system comprising at least one antichaotropic salt at a concentration that allows binding of said one or more of said nucleic acids to said substrate,

(b) said substrate, and

(c) optionally, one or more detergents and/or other additives.

31. (New) The kit according to claim 30, wherein at least one of the protein-degrading enzymes is proteinase K.

32. (New) The kit according to claim 30, further comprising a wash buffer having an alcohol.

33. (New) The kit according to claim 32, wherein the wash buffer comprises ethanol at a concentration effective to retain the nucleic acids bound to the column during washing.

34. (New) The kit according to claim 32, wherein the wash buffer comprises at least about 50% ethanol.

35. (New) The kit according to claim 30, wherein the nucleic acid is DNA.

36. (New) The kit according to claim 30, wherein the nucleic acid is RNA.

Amend Claims 2-5, 7—11, and 27-29 as follows:

2. (amended twice) The kit according to claim 30, wherein the antichaotropic component is a salt chosen from the group consisting of ammonium, cesium, sodium and potassium.

3. (amended twice twice) The kit according to claim 30, wherein the lysis/binding buffer system contains detergents and additives.

4. (amended twice twice) The kit according to claim 3, wherein the detergents and additives are chosen from the group consisting of of tris-HCl, EDTA, polyvinyl pyrolidone, CTAB (hexadecyltrimethylammonium bromide), Triton X-100, Nonidet-P40, n-lauryl sarcosine, n- dodecylsulfate, sodium citrate, DTT, Brij ,Tween.

5. (amended twice) The kit according to claim 30, wherein the lysis/binding buffer system contains an alcohol for binding to the substrate.

7. (amended twice) The kit according to claim 30, wherein the lysis/binding buffer system is an aqueous solution.

8. (amended twice) The kit according to claim 30, wherein the lysis/binding buffer system is stable in storage in reaction vessels.

9. (amended twice) The kit according to claim 30, the substrate is chosen from the group consisting of chaotropic reagents, glass fiber mats, glass membranes, glasses, zeolites, ceramics, and silica carriers.

10. (amended twice) The kit according to claim 30, wherein all carriers which have a negatively functionalised surface or functionalised surfaces which may be converted to a negative charge potential serve as the substrate means.

11. (amended twice) The kit according to claim 10, wherein the surface of the carrier is modified by at least one chosen from the group consisting of an acetyl group, carboxyl group and hydroxyl group.

27. (amended twice) The kit according to claim 30, wherein the lysis/binding buffer system contains at least one enzyme.

28. (amended) The kit according to claim 30, wherein the complex starting material is chosen from the group consisting of compact plant materials, whole blood, tissue, microbioptate, paraffinne-coated materials, ercp-samples, swabs, foodstuffs, hair roots, cigarette butts, and food stains.

29. (amended) The kit according to claim 30, wherein the elution buffer comprises tris-HCl, TE, and water.